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SUBSTITUTE SPECIFICATION

INCLINATION MEASUREMENT INSTRUMENT

TECHNICAL FIELD

5 This invention relates to an inclination measurement instrument for measuring an inclination of pillars, floors, work pieces, or the like.

BACKGROUND ART

In a method of measuring a degree of inclination of pillars or floors of buildings, or the like, a level vial or a plumb bob is used in general. With a level vial, a degree of inclination is confirmed by an air bubble. A plumb bob determines a degree of inclination by a value measured with a scale. Currently, as inclinometers for measuring an inclination value per 1 meter, known are a plumb bob inclinometer (trade name: Vertical Inclinometer V2) described in "Vertical Inclinometer V2" Kabushiki Kaisha Asia Consultant, (referred to as "Non-Patent Document No. 1" hereinafter) and a circular dial inclinometer (trade name: Dial Plumb Bob VH) described in "Dial Plumb Bob VH", Ozaki Mfg. Co., Ltd., (referred to as Non-Patent Document No. 2 hereinafter).

The plumb bob inclinometer described in Non-Patent Document No. 1 measures the inclination of a face to be measured with respect to the vertical direction by bringing a main body into contact with the face to be measured and determining the position of a pendulum hung from an upper part of the main body with a dial mounted on a lower part of the main body. The circular dial inclinometer described in Non-Patent Document No. 2 measures an inclination by bringing a main body into contact with a face to be measured and reading a circular dial that indicates the inclination of a pendulum housed in the main body.